

ABSTRACT

An object of the present invention is to provide a water-borne urethane resin composition for forming a microporous layer, which is suited for use in a fibrous material substrate, especially an artificial leather, and which has well-defined heat-sensitive coagulation properties and is capable of being uniformly filled into a fibrous material substrate without causing migration, forming a microporous layer after drying and imparting a feel equivalent to that obtained in a solvent-based urethane resin composition, i.e., an elastic and genuine feel, by impregnating or coating the fibrous material substrate with the water-borne urethane resin composition; a method of producing a fibrous sheet-like composite using the water-borne urethane resin composition; and an artificial leather obtained by the method. The water-borne urethane resin composition of the present invention comprises (1) a water-borne urethane resin having a heat-sensitive coagulation temperature of 40 to 90°C and (2) an associated type thickener. In the method of producing a fibrous sheet-like composite according to the present invention, (i) a fibrous material substrate is impregnated or coated with (ii) the water-borne resin composition and then (iii) heat-sensitive coagulation is performed using steam.